EXHIBIT A



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BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

PANTAGES, ANTHONY

DOC DATE: 06/04/2002

ASSIGNOR:

JABBA, RONALD J.

DOC DATE: 06/04/2002

ASSIGNOR:

GINN, RICHARD S.

DOC DATE: 06/06/2002

ASSIGNEE: -

PATENT NUMBER:

INTEGRATED VASCULAR SYSTEMS, INC. 743 PASTORIA AVENUE SUNNYVALE, CALIFORNIA 94086-2918

SERIAL NUMBER: 10081725

FILING DATE: 02/21/2002

ISSUE DATE:

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SAUNDRA BALLENGER, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

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To the Honorabin Commissioner Patents and Transmarks. Please record the attached original documents or copy thereof.				
1. Name of conveying party 1: 7-10-02 ANTHONY PANTAGES, RONALD J. JABBA and RICHARD S. GINN		Name and address of receiving party: Name: INTEGRATED VASCULAR SYSTEMS, INC.		
Additional name(s) of conveying party(ies) attached? Yes No		Internal Address:		
3. Nature of conveyance: ☐ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name		City: <u>\$UNNYVALE</u> State: <u>CALIFORNIA</u> Zip: <u>§:4086-2918</u>		
		Street Address: 743 PASTORIA AVENUE		
		City: SUNNYVALE	State: <u>C</u>	ALIFORNIA Zip: <u>94086-2918</u>
Execution Date: June 4, 2002 and June 6, 2002		Additional name(s) & address(es) attached? Yes No		
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is:				
A. Patent Application No(s).: 10/081,725		B. Patent No(s).:		
Additional numbers attached? ☐ Yes ☑ No				
Name and address of party to whom correspondence concerning document should be mailed:		6. Total number of applications and patents involved: <u>ONE</u>		
Name: <u>William A. English</u>		7. Total fee (37 CFR 3.41): \$ 40.00 Enclosed with fees on Missing Parts Transmittal.		
Internal Address: LYON & LYON LLP	· · —		•	
633 West Fifth Street, Suite 4700 Los Angeles, CA 90071-2066		Charge this Deposit Account if any additional fee is required		
		8. Deposit Account Number: 12-2475		
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9. Statement and signature:				
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.				
Date: July 2, 2002 William A. English, Reg No. 42,515				
Total number of pages including cover sheet: three				
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Patent

Attorney Docket: 267/117

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, I, ANTHONY PANTAGES, a citizen of UNITED STATES, RONALD J.

JABBA, a citizen of UNITED STATES, and RICHARD S. GINN, a citizen of UNITED STATES

(hereinafter referred to as "ASSIGNOR"), have invented and own a certain invention entitled Sheath

Apparatus and Methods for Delivering a Closure Device for which application for Letters Patent of
the United States of America has been filed on February 21, 2002, assigned Serial No. 10/081,725;
and

WHEREAS, INTEGRATED VASCULAR SYSTEMS, INC., a corporation organized and existing under and by virtue of the laws of the State of Delaware and having its place of business at 743 Pastoria Avenue, Sunnyvale, California 94086-2918 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the exclusive right, title and interest in, to and under said invention and in, to and under any Patent or similar legal protection to be obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, transfers and sets over unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest to said invention and to all Letters Patent or application or similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said invention by said application, and to any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; and ASSIGNOR hereby authorizes and requests the United States Commissioner of Patents and

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Attorney Docket: 267/117

Trademarks, and any officials of foreign countries whose duty it is to issue patents or any legal equivalent thereof, to issue said patents to ASSIGNEE, its successors and assigns, in accordance with this Assignment.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Agreement;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents in the United States or in any foreign country, which may be necessary or desirable to carry out the purposes thereof.

WITNESS my hand at Sunnyvale, California, this day of June, 2902

ANTHONY PANTAGES

WITNESS my hand at Sunnyvale, California, this 6

day of June, 2002.

PONALD I JARSE

WITNESS my hand at Sunnyvale, California, this 4 day of June, 2002.

RICHARDS

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